

FULL STACK JAVASCRIPT BOOTCAMP

Here is the collection from which your technical endorsement panel will ask questions of you during your technical endorsement. You will be asked 1 question from each category, and need to answer 2 of the 3 questions correctly in order to pass. You may not use notes during the endorsement. Remember: answering each question correctly includes being able to *demonstrate* where in your project the code is that the question references.

CATEGORY ONE: HTML/CSS

1. What are some ways that you implemented responsive design?
2. Explain how you are using semantically appropriate HTML elements.
3. Use several CSS rules in your project as examples to explain specificity. (Hint: Research the term "specificity" in CSS. It has a particular technical meaning.)
4. How do you ensure CSS rules only apply to particular components?
5. How are you defining your media queries? With min-width or max-width? What is the difference between the two?

CATEGORY TWO: API AND DATABASE

1. What collections do you have in your database? Show us the data. Can you describe the purpose of each collection?
2. What allows your React application to communicate with a database?
3. What HTTP methods did you end up using in this application? Show where you used them.
4. Show each of the endpoints in your Express server and explain the purpose of each.
5. What is an API? How do you make a call to your API in React? Show where you are making those calls.
6. Show how you are using data from an API in your React application?

CATEGORY THREE: REACT

1. Explain component based architecture. What is it? What is a component? Show an example.
2. Show me the code that displays ____ on the page. (instructor will point to something on your website)
3. Show where you use a state variable in React. What is the initial value? Where do you use the value, and where do you update the value?
4. Show where you use a React prop. Where does the value of that prop come from? And where does the value end up (or is used/displayed)?
5. Show where you handle a click or other event. From a user perspective, what happens in response to that event and how do you accomplish that in the code?
6. (If there is a form) Describe how you collect data from an HTML form.
7. (If using routing) Walk us through your React routing setup and links.
8. (If using context) What data are you storing in your React context? Show one place the data is used in your app and one place where it is set or updated.

You will get a specific time for your technical endorsement from your Program Manager, but you should be ready at any point during your class' technical endorsement window in the event that the schedule is changed.

